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I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313
on March 9, 2005

Date of Deposit

Terry Wand

Name of applicant, assignee or
Registered Representative

Terry Wand
Signature

March 9, 2005
Date of Signature

Case No. 10555-085

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ko, et al.

Serial No.: 10/502,110

Filed: July 21, 2004

For: PLANAR AVALANCHE
PHOTODIODE

Attention: Manager,
Application Branch

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn.: Manager, Application Branch

Dear Sir:

In accordance with the Notification of Missing Requirements of Application dated January 10, 2005, a copy of which is attached, enclosed herewith for filing are the following documents:

- ☒ Fully executed Declaration for Patent Application and Power of Attorney for the above-referenced patent application.
- ☒ Applicant is:
 - ☒ a small entity, verified statement is:

☒ attached

☐ already filed

☐ other than small entity

☒ Checks totaling \$340.00 for:

☐ Filing Fee of \$____.

☒ Surcharge of \$65.00.

☒ Additional Claim Fees of \$275.00.

☐ Petition for Extension of Time (37 C.F.R. § 1.136(a)) to file missing parts (in duplicate).

☐ Other: _____.

☒ The Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

Respectfully submitted,

Dated: March 9, 2005



John M. Card

Registration No. 48,423

Attorney for Applicant(s)

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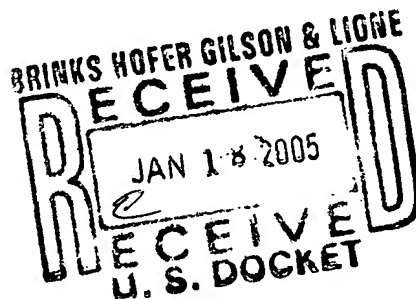


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/502,110	Cheng C Ko	10555-085

John M Card
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 Po Box 10395
 Chicago, IL 60610



INTERNATIONAL APPLICATION NO.	
PCT/US03/03323	
I.A. FILING DATE	PRIORITY DATE
02/03/2003	02/01/2002

CONFIRMATION NO. 2111
 371 FORMALITIES LETTER



OC000000014910593

Date Mailed: 01/10/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/21/2004
- Copy of the International Search Report filed on 07/21/2004
- Copy of IPE Report filed on 07/21/2004
- Preliminary Amendments filed on 08/09/2004
- Information Disclosure Statements filed on 09/20/2004
- Request for Immediate Examination filed on 07/21/2004
- Copy of references cited in ISR filed on 07/21/2004
- U.S. Basic National Fees filed on 07/21/2004
- Priority Documents filed on 07/21/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$550** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$130** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$680** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$ 550**
 - **\$200** for **1** independent claims over 3.
 - **\$350** for **7** total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 305-3738

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/502,110	PCT/US03/03323	10555-085